



1998 Toxics Release Inventory

INDIANA

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	70,376,758	62,636,434	133,013,192
Air Emissions	52,797,207	44,596,445	97,393,652
Surface Water Discharges	2,117,917	315,138	2,433,055
Underground Injection Class I Wells	1,039,913	0	1,039,913
Underground Injection Class II-V Wells	0	480	480
On-site Land Releases to RCRA Subtitle C Landfills	1,172,555	1,262,263	2,434,818
Other On-site Land Releases	13,249,166	16,462,108	29,711,274
Off-site Releases (Transfers Off-site to Disposal)*	44,514,171	11,948,207	56,462,378
Total On- and Off-site Releases	114,890,929	74,584,641	189,475,570
Recycled On-site	164,005,314	10,290,550	174,295,864
Recycled Off-site	197,221,070	859,401	198,080,471
Energy Recovery On-site	149,035,099	0	149,035,099
Energy Recovery Off-site	12,679,271	80,952,128	93,631,399
Treated On-site	135,790,062	42,907,435	178,697,497
Treated Off-site**	16,302,192	262,034	16,564,226
Quantity Released On- and Off-site***	119,296,537	76,269,556	195,566,093
Total Production-related Waste Managed	794,329,545	211,541,104	1,005,870,649
Total Non-production-related Waste Managed	297,556	16,439	313,995

Transfers Off-site for Further Waste Management/Disposal

Recycling	179,262,857	854,362	180,117,219
Energy Recovery	12,858,234	71,853,378	84,711,612
Treatment	8,349,125	4,626,082	12,975,207
Publicly Owned Treatment Works (POTWs)	6,744,659	33,773	6,778,432
Metals and Metal Compounds*	162,462	3,973	166,435
Non-metal TRI Chemicals**	6,582,197	29,800	6,611,997
Other Off-site Transfers***	9,067	0	9,067
Off-site Transfers to Disposal (not including metals to POTWs)	50,401,789	12,548,229	62,950,018
Total Transfers Off-site for Further Waste Management/Disposal	257,625,731	89,915,824	347,541,555

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

****Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

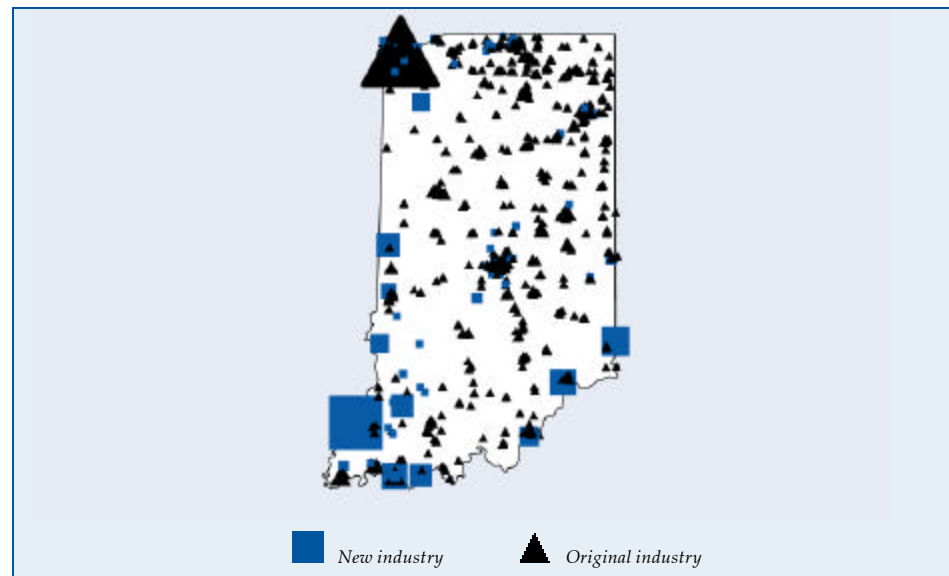
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To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531
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The largest marker in the state map represents the largest facility for on-site releases in the state of Indiana. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	5,899,195
Square Miles	35,870
Total Facilities	1,071
Total Forms	3,997
Form As	500

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	5	12	9
Pounds	114,890,929	74,584,641	189,475,570
National Rank for Total On-site Releases**			
Rank	11	13	12
Pounds	70,376,758	62,636,434	133,013,192
National Rank for Total Releases within State***			
Rank	5	12	10
Pounds	107,351,796	74,154,491	181,506,287
National Rank for Production-related Waste Managed			
Rank	8	8	10
Pounds	794,329,545	211,541,104	1,005,870,649

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal * Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	336,932	55,917	0	9,831,139	30,817,422	41,041,410	438,726	21,048,509	9,768,913
—	Manganese compounds	134,778	20,315	5,100	2,205,161	5,131,679	7,497,033	34,345	3,566,548	1,565,131
108-88-3	Toluene	6,123,699	345	0	3,683	136,417	6,264,144	3,062	124,730	14,985
100-42-5	Styrene	5,457,372	255	0	9,005	135,744	5,602,376	3,334	133,481	2,320
7664-41-7	Ammonia	4,079,116	61,898	834,813	12,986	222,492	5,211,305	670	93,306	129,186
1330-20-7	Xylene (mixed isomers)	4,733,400	527	0	3,525	137,094	4,874,546	8,418	52,924	86,560
75-09-2	Dichloromethane	4,623,764	639	0	5	352	4,624,760	4,078	1,108	44
110-54-3	n-Hexane	3,639,848	1,065	0	375	393	3,641,681	1,493	393	0
—	Lead compounds	20,045	5,698	0	284,818	3,100,974	3,411,535	192,276	2,042,101	1,058,890
78-93-3	Methyl ethyl ketone	3,066,441	0	0	2,240	40,149	3,108,830	1,807	15,764	28,795

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	25,763,058	0	0	0	0	25,763,058	0	0	0
7664-93-9	Sulfuric acid	15,104,491	0	0	20,000	0	15,124,491	0	0	0
—	Barium compounds	27,028	56,823	0	5,832,486	392,139	6,308,476	12,777	293,730	98,409
—	Zinc compounds	24,293	50,235	0	2,904,460	3,194,759	6,173,747	55,253	3,122,012	72,747
7440-02-0	Nickel	260	760	0	18,500	4,124,529	4,144,049	210,000	3,007,040	1,122,711
7664-39-3	Hydrogen fluoride	3,254,756	0	0	0	0	3,254,756	0	0	0
—	Copper compounds	7,574	22,160	0	2,153,618	23,265	2,206,617	3,862	23,260	5
—	Manganese compounds	17,558	65,109	0	1,871,005	83,130	2,036,802	925	83,130	0
7440-50-8	Copper	10	38	0	0	1,877,287	1,877,335	100,000	1,820,632	56,657
—	Nickel compounds	14,575	35,148	0	1,573,340	56,920	1,679,983	812	56,920	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
USS Gary Works, Gary, Lake	3,427,294	28,402	0	0	0	11,222,163	14,677,859	412,743	404,822
General Electric Plastics Co., Mount Vernon, Posey	2,262,276	161,286	0	0	0	25	2,423,587	301,445	3,248
Alcoa Warrick Ops., Newburgh, Warrick	2,256,199	105,165	0	0	0	26,782	2,388,146	185,000	35,000
Amoco Oil Co., Whiting Refy., Whiting, Lake	1,961,942	104,288	0	0	0	3,784	2,070,014	206,242	73,122
Bethlehem Steel Corp., Burns Harbor Div., Burns Harbor, Porter	369,135	93,500	695,100	0	0	467,250	1,624,985	0	65,230
Allegheny Ludlum Corp., New Castle, Henry	3,470	1,305,410	0	0	0	0	1,308,880	621,000	14,050
Gmtg Fort Wayne Assembly, Fort Wayne, Allen	1,144,074	0	0	0	0	0	1,144,074	210	1,900
Cargill Inc., Lafayette, Tippecanoe	1,140,584	0	0	0	0	0	1,140,584	0	0
Beta Steel Corp., Portage, Porter	6,125	0	0	0	938,300	124,825	1,069,250	1,925	1,061,200
Subaru-Isuzu Automotive Inc., Lafayette, Tippecanoe	1,061,943	0	0	0	0	0	1,061,943	8,650	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
PSI Gibson Generating Station, Princeton, Gibson	8,128,647	0	0	0	0	4,266,710	12,395,357	0	2
Tanners Creek Plant, Lawrenceburg, Dearborn	5,043,274	10,567	0	0	0	634,045	5,687,886	0	1,141
Alcoa Generating Corp./Sigeco, Warrick Power Plant, Newburgh, Warrick	4,012,531	625	0	0	0	1,019,045	5,032,201	7,360	0
Clifty Creek Station, Madison, Jefferson	4,199,470	8,662	0	0	0	760,685	4,968,817	0	0
PSI-Cayuga Generating Station, Cayuga, Vermillion	3,156,020	202,000	0	0	0	979,045	4,337,065	0	0
Indianapolis Power & Light Co., Petersburg Generating Station, Petersburg, Pike	2,784,783	22,571	0	0	0	1,284,550	4,091,904	218,305	0
Rockport Plant, Rockport, Spencer	2,228,121	13,217	0	0	0	1,766,945	4,008,283	0	2,402
PSI-Energy — Gallagher Generating Station, New Albany, Floyd	2,901,835	502	0	0	0	238,020	3,140,357	0	0
Northern Indiana Public Service Co. — R.M. Schahfer Gen. Sta., Wheatfield, Jasper	1,264,271	19,000	0	0	5,000	1,671,790	2,960,061	0	0
Merom Generating Station, Sullivan, Sullivan	1,294,991	799	0	0	0	1,580,000	2,875,790	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Nucor Steel, Crawfordsville, Montgomery	0	19,418	0	0	606,833	0	19,569,540	20,195,791	0
USS Gary Works, Gary, Lake	3,740,037	4,426,077	13,476,224	0	54,827	0	15,495,424	37,192,589	0
Steel Dynamics Inc., Butler, De Kalb	0	0	0	0	0	0	10,260,615	10,260,615	0
General Electric Plastics Co., Mount Vernon, Posey	0	26,000	310,000	252,420	30,204,031	119,586	2,737,379	33,649,416	0
Alcoa Warrick Ops., Newburgh, Warrick	13,817,400	353,300	4,696,500	8,954	1,598,500	35,614	2,606,049	23,116,317	0
Amoco Oil Co., Whiting Refy., Whiting, Lake	119,986	32,721	0	244,900	14,067,882	115,865	2,360,773	16,942,127	0
Quemetco Inc., Indianapolis, Marion	0	0	0	0	0	0	2,176,000	2,176,000	269,100
Allegheny Ludlum Corp., New Castle, Henry	1,420,000	9,280	0	0	4,200,000	0	1,929,470	7,558,750	0
Bethlehem Steel Corp., Burns Harbor Div., Burns Harbor, Porter	2,574,000	0	0	0	54,800	0	1,651,722	4,280,522	383
I/N Kote, New Carlisle, St Joseph	0	0	0	0	0	0	1,270,000	1,270,000	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
PSI Gibson Generating Station, Princeton, Gibson	0	0	0	0	11,040,000	0	12,379,000	23,419,000	16
Crystal Clean Services L.L.C., Indianapolis, Marion	0	0	0	0	1,375,000	8,200	6,905,000	8,288,200	0
Heritage Environmental Services L.L.C., Indianapolis, Marion	0	0	0	0	1,375,000	8,200	5,906,900	7,290,100	0
Tanners Creek Plant, Lawrenceburg, Dearborn	0	165,600	0	0	200,000	0	5,685,900	6,051,500	0
Alcoa Generating Corp./Sigeco, Warrick Power Plant, Newburgh, Warrick	0	0	0	28	0	38	5,025,000	5,025,066	0
Clifty Creek Station, Madison, Jefferson	0	0	0	0	1,200,000	0	4,964,500	6,164,500	0
PSI-Cayuga Generating Station, Cayuga, Vermillion	0	0	0	0	1,424,400	0	4,329,000	5,753,400	12
Indianapolis Power & Light Co., Petersburg Generating Station, Petersburg, Pike	0	15	0	0	7,606,705	0	4,310,209	11,916,929	0
Rockport Plant, Rockport, Spencer	0	124,500	0	0	190,000	0	4,024,000	4,338,500	0
PSI-Energy — Gallagher Generating Station, New Albany, Floyd	0	0	0	0	788,200	0	3,140,000	3,928,200	7

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.